COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

See Attached Appendix B (Listing 29 PCT International Patent Applications)

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) _ is attached hereto or \underline{X} was filed on September 18, 2000 as Application Serial No. 09/665,350 and was amended on _ (if applicable).

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Thereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or

inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate his filing date before that of the application on which priority is claimed:				nave a
Prior Egreign Ap	oplication(s):		Priority Claime	ed
			Yes No	
Number	Country	Day/Month/Year Filed		
See Attached A	Appendix A (Listing 6	United States Code, §119(e) of any United S 2 U.S. Provisional Patent Applications)	tates provisional applications(s) listed be	elow:
Application Ser.	No.	Filing Date		
Thereby claim th	e benefit under Title 35	, United States Code, §120 of any United St	ates applications(s) listed below and, ins	sofar
		ns of this application is not disclosed in the p		
		5, United States Code, §112, I acknowledg		
		gulations, §1.56 which occurred between t	he filing date of the prior application and	d the
national or PCT	international filing date	e of this application:		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410 PATENT TRADEMARK OFFICE Send correspondence to the following address: Attn: Paul E. Rauch, Ph.D. Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780 I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon. The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned. Full name of sole or first inventor Avi Ashkenazi Inventor's signature Residence 1456 Tairytown Street, San Mateo, CA 94402 Citizenship

Post Office Address 1 DNA Way

South San Francisco, CA 94080

David Botstein

Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
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Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizens fisp	
Post Office Address 1 DNA May South, San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan L. Eaton	
Inventors signature 75 Knight Drive, San Rafael, CA 94901	Date
Residence US	
Citizens lip	
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Full name of fifth joint inventor, if any

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42-41 M 328 4 33 M 1	residia

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Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Baŝiaside Way, Alameda, CA 94502	Date
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of ninth joint inventor, if any

Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
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Full name of tenth joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
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Full name of eleventh joint inventor, if any Audrey Goddard	
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada.	
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Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of thirteenth joint inventor, if any

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J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gurney Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA ₩ay South San Francisco, CA 94080 Full name of fifthteenth joint inventor, if any Kenneth J. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB I≟ Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549 Residence US Citizenship Post Office Address

Jennie P. Mather

	Date	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Dato	
200 La Frenda Dirve, Millionae, O. FV 1000		
Residence		
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Citizenship		
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D. J. O.C. A. 1.3		
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Full name of eighteenth joint inventor, if any		
James Pan		
Inventor's signature	Date	
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Residence		
Canada		
Citizenship		
Post Office Address		
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South San Francisco, CA 94080		
Full name of nineteenth joint inventor, if any		
Nicholas F. Paoni		
Inventor's signature	Date	
1756 Terrace Drive, Belmont, CA 94002		
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Citizenship		
Post Office Address		
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P. H. Constant and A. Constant	- · · · · · · · · · · · · · · · · · · ·	
Full name of twentieth joint inventor, if any		
Margaret Ann Roy		
	Date	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date	
Residence		
US		
Citizenship		
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		

Full name of twenty-first joint inventor, if any Timothy A. Stewart Inventor's signature Date 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Date Inventor's signature 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-third joint inventor, if any P. Mickey Williams Date Inventors signature 509 Alto Avenue, Half Moon Bay, CA 94019 Residence US Citizenship ğ. 180 Post Office Address 1 DNA Way South San Francisco, CA 94080 Full/name of twenty-fourth joint inventor, if any 5/20101 Inventor's signature William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way

South San Francisco, CA 94080

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See Attached	Appendix A (Listing 62	U.S. Provisional Patent Applications)	
Application Ser	. No.	Filing Date	
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See Attached Appendix B (Listing 29 PCT International Patent Applications)

	inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this the Patent and Trademark Office connected therewith.
09157 PATENT TRADEMARK OFFICE	Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410
Send correspondence to the following a Attn:	address: Paul E. Rauch, Ph.D. Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780
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Inventor's signature	Date
Residence 1456 Taurytown Street, San Mateo, CA 94402	
Citizenship US [] Post Office Address 1 DNA Way South San Francisco, CA 94080	•

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Date	

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	Date

Full name of fifth joint inventor, if any

Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
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Full name of sixth joint inventor, if any	
Ellen Filvaroff	
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Full name of seventh joint inventor, if any Sherman Fong	
Inventer's signature 19 Basinside Way, Alameda, CA 94502	Date
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Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of ninth joint inventor, if any

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Full name of tenth joint inventor, if any	
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Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
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Citizenship	
Post Office Address	
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Full name of eleventh joint inventor, if any	
Audrey Goddard	
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizenship	
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Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
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J. Christopher Grimaldi

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Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
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Full name of fifthteenth joint inventor, if any Kenneth J. Hillan	
	Date
Inventors signature 64 Seward Street, San Francisco, CA 94114	Date
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Full name of sixteenth joint inventor, if any	
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us	
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Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature	Date
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Nichalini T. Dooni	
Nicholas F. Paoni	
Inventor's signature	Date
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US 4, j	
Citizenship	
Post Office Address	
1 DNA ₩ay	
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	•
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature	Date
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Post Office Address	
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South San Francisco, CA 94080	

Full name of twenty-first joint inventor, if any

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Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
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Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
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Full name of twenty-third joint inventor, if any P. Mickey Williams	4/18/01
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Dafe
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Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
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Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

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Application Ser. No. Filing Date

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PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence to the following address:

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

Telephone: 312-321-4780 I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon. The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned. Full name of sole or first inventor Avi Aşııkenazi Inventor's signature Residence 1456 Tarrytown Street, San Mateo, CA 94402 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

David Botstein Date Inventor's signature 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Date Inventor's signature 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship Ţ Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L Eaton Inventor's signature 75 Knight Drive, San Rafael, CA 94901 Date Residence US Citizenship ļ.d. Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of second joint inventor, if any

Full name of fifth joint inventor, if any Napoleone Ferrara Inventor's signature Date 2090 Pacific Avenue #704, San Francisco. CA 94109 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Ellen Filvaroff Inventor's signature Date 538 18th Avenue, San Francisco, CA 94121 Residence US Citizenship Ę Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor, if any Sherman Fong Inventor's signature Date 19 Basinside Way, Alameda, CA 94502 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighth joint inventor, if any Wei-Qiang Gao Inventor's signature Date 641 Pilgrim Drive, Foster City, CA 94404 Residence China Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of ninth joint inventor, if any	
Hanspeter Gerber	
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Full name of eleventh joint inventor, if any Audrey Goddard	
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Full name of nineteenth joint inventor, if any	
Nicholas F. Paoni	
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Full name of twenty-first joint inventor, if any	
Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas Oanut Comm	6-21-201
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA #Vay Soutti San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any P. Mickey Williams	
Inventer's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
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Application Ser.		Filing Date	

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Ralph J. Gabric - Reg. No. 34,167
Paul E. Rauch, Ph.D - Reg. No. 38,591
K. Shannon Mrksich - Reg. No. 36,675
Tom Wrona - Reg. No. is 44,410

Send correspondence to the following address:

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Avi Asakenazi	
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David Botstein Inventor's signature Date 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Inventor's signature Date 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship . " Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan Laton Inventor's signature 75 Knight Drive, San Rafael, CA 94901 Date Residence US ļ. Citizenship la de Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of second joint inventor, if any

Full name of fifth joint inventor, if any Vapoleone Ferrara Date Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Ellen Filvaroff Date Inventor's signature 538 18th Avenue, San Francisco, CA 94121 Residence US Citizenship 13 Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor, if any Sherman Fong Inventor's signature 19 Basinside Way, Alameda, CA 94502 Date Residence US US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighth joint inventor, if any Wei-Qiang Gao Inventor's signature Date 641 Pilgrim Drive, Foster City, CA 94404 Residence China Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of ninth joint inventor, if any Hanspeter Gerber Inventor's signature Date 1121 Tennessee Street #5, San Francisco, CA 94107 Residence Switzerland Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor, if any Mary E. Gerritsen Inventor's signature Date 541 Parrott Drive, San Mateo, CA 94402 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Audrey Goddard Inventor's signature Date 110 Congo Street, San Francisco, CA 94131 Residence Canada Citizepship Post Office Address 1 DNĀ-Way South San Francisco, CA 94080 Full name of twelfth joint inventor, if any Paul J. Godowski Inventor's signature Date 2627 Easton Drive, Burlingame, CA 94010 Residence Citizenship Post Office Address

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Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizership	
Post Öffice Address 1 DNA Way Southi San Francisco, CA 94080	
Full name Full name Kenneth J. Hillan	
Inventors signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB F	
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Full name of sixteenth joint inventor, if any	
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Citizenship	and the second s
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Full name of seventeenth joint inventor, if any Jennie P. Mather Inventor's signature Date 269 La Prenda Drive, Millbrae, CA 94030 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Inventor's signature Date 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA:Way South San Francisco, CA 94080 Full name of nineteenth joint inventor, if any Nicholas F. Paoni Inventor's signature Date 1756 Terrace Drive, Belmont, CA 94002 Residence US Citizeriship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Inventor's signature Date 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of twenty-first joint inventor, if any	
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Inventōr's signature 509 Aर्ष्कुँAvenue, Half Moon Bay, CA 94019	Date
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Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
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Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

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			Yes	No
P.L.			***************************************	
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Full name	e of sole or first inventor	
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Inventors	s signature	Date
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Full name of ninth joint inventor, if any

Full name of thirteenth joint inventor, if any

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full name of eighteenth joint inventor, if any	
James Pan	
nventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date
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Full names of nineteenth joint inventor, if any	
Nicholas F. Paoni Neptor's signature Nicholas F. Paoni Neptor's signature	7/5/Ci
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Full name of eleventh joint inventor, if any Audrey Goddard	
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Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
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Page 6 Full name of thirteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gurney Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifthteenth joint inventor, if any Kenneth ปี. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB GB Citizenship

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Ivar J. Kljavin

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full name of seventeenth joint inventor, if any	
Jennie P. Mather	
	Date
nventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
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Full name of eighteenth joint inventor, if any	
James Pan	June 18/0/
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Full name of nineteenth joint inventor, if any	
Nicholasia. Paoni	
nventor signature 1756 Terrace Drive, Belmont, CA 94002	Date -
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Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
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Full name of twenty-first joint inventor, if any Timothy A. Stewart Date Inventor's signature 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Date Inventor's signature 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 IJ Full name of twenty-third joint inventor, if any P. Mickey Williams Date Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019 Residence US ļi Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fourth joint inventor, if any Date Inventor's signature William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US

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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) $\underline{\ }$ is attached hereto or $\underline{\ }$ was filed on $\underline{\ }$ September 18, 2000 as Application Serial No. $\underline{\ }$ 09/665,350 and was amended on $\underline{\ }$ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Applica	tion(s):		<u>Priority Claimed</u> <u>Yes</u> <u>No</u>
Number	Country	Day/Month/Year Filed	-
l hereby claim the ben	efit under Title 35, U	nited States Code, §119(e) of any United States p	provisional applications(s) listed below:
See Attached Apper	ndix A (Listing 62	U.S. Provisional Patent Applications)	
Application Ser. No.		Filing Date	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

See Attached Appendix B (Listing 29 PCT International Patent Applications)

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PATENT TRADEMARK OFFICE

South San Francisco, CA 94080

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

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and that willful false statements may jeopardize the validity of the application or any patent issued thereon. The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney ### ### or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned. :3 Full name of sole or first inventor Avi Ashkenazi Inventor's signature Date Residence 1456 Tarrytown Street, San Mateo, CA 94402 Citizenship US Post Office Address 1 DNA Way

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code

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Timothy A. Stewart Inventor's signature Date 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Inventor's signature Date 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Į. Full name of twenty-third joint inventor, if any P. Mickey Williams Inventor's signature Date 509 Alto Avenue, Half Moon Bay, CA 94019 Residence បន្ទុ Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fourth joint inventor, if any Inventor's signature Date William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 09157 Tom Wrona - Reg. No. is 44,410 PATENT TRADEMARK OFFICE Send correspondence to the following address: Paul E. Rauch, Ph.D. Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780 I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code

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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

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	of sole or first inventor				
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Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full hame of nineteenth joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date .
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-first joint inventor, if any Timothy A. Stewart Inventor's signature Date 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Inventor's signature Date 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-third joint inventor, if any P. Wickey Williams Inventor's signature Date 509 Alto Avenue, Half Moon Bay, CA 94019 Residence ບຣື Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fourth joint inventor, if any Inventor's signature Date William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US

Post Office Address
1 DNA Way

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

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Prior Foreign Application(s):

Number Country Day/Month/Year Filed

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Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence to the following address:

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of sole or first inventor	
Avi Aslijikėnazi	
nventor's signature	Date
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Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenşhip	
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South San Francisco, CA 94080	

Full name of second joint inventor, if any David Botstein Date Inventor's signature 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Date Inventor's signature 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship IJ Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L. Eaton Date Inventor's signature 75 Knight Drive, San Rafael, CA 94901 Residence US ļā Citizenship

Post Office Address 1 DNA Way

Full name of fifth joint inventor, if any Napoleone Ferrara Date Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Ellen Filvaroff Date Inventor's signature 538 18th Avenue, San Francisco, CA 94121 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor, if any Sherman Fong Inventor's signature Date 19 Basinside Way, Alameda, CA 94502 Residence US Citizenship Là Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighth joint inventor, if any Wei-Qiang Gao Inventor's signature Date 641 Pilgrim Drive, Foster City, CA 94404 Residence China

Citizenship

Post Office Address 1 DNA Way

Full name of ninth joint inventor, if any	
Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any Audrey Goddard	
Inventors signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
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Post Office Address 1 DNA Way

Full name of seventeenth joint inventor, if any Jennie P. Mather Date Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Date Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor, if any Nicholas F. Paoni Date Inventor's signature 1756 Terrace Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Date Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship

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To produce the second			<u>Yes No</u>
Number	Country	Day/Month/Year Filed	
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See Attached Ap	ppendix A (Listing 62	U.S. Provisional Patent Applications)	
Application Ser. N		Filing Date	
** ** ** ** ** ** ** ** ** ** ** ** **		United States Code \$120 of any United State	as applications/s) listed below and inseter

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Full name of sole or first inventor	
Avi Ashkenazi	
Inventor's signature	Date
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Citizenship US	
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Full name of second joint inventor, if any

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
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Citizenship	
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Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
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Full name of fourth joint inventor, if any	
Dan L. Eaton	
Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
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Han	spet	or C	erh	or

	Det-	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date	
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Full name of tenth joint inventor, if any		
Mary E. Gerritsen		
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Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any		
Audrey Goddard	Data	
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date	
Residence Canada		
Citizenship		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
		·
Full name of twelfth joint inventor, if any		
Paul J. Godowski	Date	
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Citizenship				
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Full name of fourteenth joint inventor, if any				
Austin L. Gurney			`	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002			Date	
Residence US				· · · · · · · · · · · · · · · · · · ·
Citizenghip				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Post Office Address 1 DNA Way South San Francisco, CA 94080				
्रीही Full name of fifthteenth joint inventor, if any				
Kenneth J. Hillan				
Inventer's signature 64 Seward Street, San Francisco, CA 94114			Date	
Residence GB				
Citizenship	—			
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Full name of sixteenth joint inventor, if any				
lvar J. Kljavin				
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549			Date	
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Citizenship				
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Full name of seventeenth joint inventor, if any	
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Full name of eighteenth joint inventor, if any	
James Pan	
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Full name of nineteenth joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date · · · · · · · · · · · · · · · · · · ·
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Margaret Ann Roy	
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Full name of fourth joint inventor, if any Dan Later Eaton	
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Full name of second joint inventor, if any

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Full rame of seventh joint inventor, if any Sherman Fong	
Inventer's signature 19 Basinside Way, Alameda, CA 94502	Date
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Full name of eighth joint inventor, if any	
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Mary E. Gerritsen	·
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Attn:

Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to act to any action to be taken in the Patent and Trademark Office regarding this application or agent and the undersigned. In the event of a change in the persons from whom herein will be so notified by the undersigned.	ation without direct communication between the U.S. attorney
Full name of sole or first inventor	
Avi Ashkenazi	
Inventor's signature	Date
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Citzenship	
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South San Francisco, CA 94080	

Full name of second joint inventor, if any

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David Batetain		

David Botstein	
Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
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Luc Desnoyers	
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Dan L. Eaton	
Inventor's signature 75 Kaight Drive, San Rafael, CA 94901	Date
Residence US ±	
Cilizenship	
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Full name of fifth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizénship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full pame of seventh joint inventor, if any	
Sherman Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
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Citzenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date
Residence China	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full flattle of fillul joint inventor, it any	
Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
Residence Switzerland	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature 541 Parrott Drive, San Mateo, CA 94402	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full-name of eleventh joint inventor, if any Audrey Goddard Audrey Goddard	6/28/01
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Cilizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of thirteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gurney Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence US Citizenship Ţ Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifthteenth joint inventor, if any Kenneth J. Hillan Inventor's signature 64 Seward Street, San Francisco, CA 94114 Date Residence GB Citizenship ķå Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of seventeenth joint inventor, if any Jennie P. Mather Inventor's signature Date 269 La Prenda Drive, Millbrae, CA 94030 Residence บร Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Date Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor, if any Nicholas F. Paoni Date Inventor's signature 1756 Terrace Drive, Belmont, CA 94002 Residence US. Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Date Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

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Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
The state of the s	
Full name of twenty-third joint inventor, if any P. Mickey Williams	
4	Date
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	
Residence U\$ ≟	
Citizenship	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) _ is attached hereto or X was filed on September 18, 2000 as Application Serial No. 09/665.350 and was amended on _ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Ap	oplication(s):		Priority Claimed
100			<u>Yes No</u>
Number	Country	Day/Month/Year Filed	
I hereby claim the	e benefit under Title 35, U	nited States Code, §119(e) of any United States p	rovisional applications(s) listed belov

N:

See Attached Appendix A (Listing 62 U.S. Provisional Patent Applications) Filing Date Application Ser. No.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

See Attached Appendix B (Listing 29 PCT International Patent Applications)

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PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

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Full rigine of sole or first inventor	
Avi Ashikenazi	
Inventor's signature	Date
and a signature	
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Resiđence 1456 _: Tarrytown Street, San Mateo, CA 94402	
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David Botstein

Inventor's signature	Date
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Residence US	
Citizenship	
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1 DNA Way	
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Full name of third joint inventor, if any	
Luc Desnoyers	Data
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
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54	
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Dan É Eaton	
Inventor's signature	Date
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Full name of ninth joint inventor, if any Hanspeter Gerber Date Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107 Residence Switzerland Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor, if any Mary E. Gerritsen ene 18,2001 Inventor's signature 541 Parrott Drive, San Mateo, CA 94402 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Audrey Goddard Date Inventor's signature 110 Congo Street, San Francisco, CA 94131 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twelfth joint inventor, if any Paul J. Godowski Date Inventor's signature 2627 Easton Drive, Burlingame, CA 94010 Residence US Citizenship

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Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
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Full name of eighteenth joint inventor, if any	
James Pan	
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Nichotas F. Paoni	
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Citizenship	
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Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
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Full name of twenty-first joint inventor, if any Timothy A. Stewart Date Inventor's signature 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Date Inventor's signature 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full dame of twenty-third joint inventor, if any P. Mickey Williams Date Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019 Residence US Citizenship Post Office Address 1. DNA Way South San Francisco, CA 94080 Full name of twenty-fourth joint inventor, if any Date Inventor's signature William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

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ming date before	that of the application	on which phonty is claimed.	
Prior Foreign App	olication(s):		Priority Claimed Yes No
Number	Country	Day/Month/Year Filed	
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1 DNA Way

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Mary E. Gerritsen	Date
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Prior Foreign Ap	oplication(s):			Priority (<u>Claimed</u> No
				165	
Number	Country	Day/Month/Year Filed			
		ited States Code, §119(e) of any Unite		ons(s) lis	sted below:
		<u>J.S. Provisional Patent Application</u>	ns)		
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Wei-Qiang Gao	~ 6/18/01
Inventor's signature 641-Pilgrim Drive, Eoster City, CA 94404 23:25 South Court Palo Alto CA 943.6 Residence	Date .
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Full name of thirteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gurney Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence US Citizenship ŧĴ Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifthteenth joint inventor, if any Kenneth J. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB Citizenship į, iž Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549 Residence บร Citizenship Post Office Address 1 DNA Way

Jennie P. Mather Date Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Date Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor, if any Nicholas F. Paoni Inventor's signature Date 1756 Terrace Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Inventor's signature Date 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of seventeenth joint inventor, if any

Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
P. Mickey Williams	
Inventor's signature 509 Atto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizepship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-first joint inventor, if any

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

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Prior Foreign Ap	Priority Claimed Yes No		
Number	Country	Day/Month/Year Filed	
THE STATE OF THE S		nited States Code, §119(e) of any United States	provisional applications(s) listed below:
See Attached A	ppendix A (Listing 62	U.S. Provisional Patent Applications)	
Application Ser. I	No.	Filing Date	

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PATENT TRADEMARK OFFICE

South San Francisco, CA 94080

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Attn:

Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the

Full name of second joint inventor, if any

David	Botstein	

Inventor's signature	Date
2539 Somerset Drive, Belmont, CA 94002	
Residence	
US	
Citizenship	
Post Office Address	
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South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature	Date
2050 Stockton Street, San Francisco, CA 94133	Dato
Residence	
Canada	
Citizenship	
Post Office Address	
1 DNA: Way	
South-San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
m's	
Dan L. Eaton	
Inventor's signature	Date
75 Knight Drive, San Rafael, CA 94901	
Residence	
US I	
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Citizeriship	
To the second se	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fifth joint inventor, if any Napoleone Ferrara Inventor's signature Date 2090 Pacific Avenue #704, San Francisco, CA 94109 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Ellen Filvaroff Date Inventor's signature 538 18th Avenue, San Francisco, CA 94121 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor, if any Sherman for 6/18/01 Sherman Fong Inventor's signature 19 Basinside Way, Alameda, CA 94502 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighth joint inventor, if any Wei-Qiang Gao Inventor's signature Date 641 Pilgrim Drive, Foster City, CA 94404 Residence China Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

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Post Office Address
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Full name of eleventh joint inventor, if any

Audrey Goddard

Inventor's signature 110 Congo Street, San Francisco, CA 94131

Residence Canada Citizenship

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Full name of twelfth joint inventor, if any

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Full name of twenty-third joint inventor, if any P. Mickey Williams	
Inventor's signature 509 Alfo Avenue, Half Moon Bay, CA 94019	Date
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Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
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3 F02				<u>Yes</u>	<u>No</u>
Number	Country	Day/Month/Year Filed			
THE PROPERTY OF THE PROPERTY O		Inited States Code, §119(e) of any United St U.S. Provisional Patent Applications)	ates provisional ap	plications(s) l	isted below
Application Ser. No.		Filing Date			

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See Attached Appendix B (Listing 29 PCT International Patent Applications)

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The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as

to any action to be taken in the Patent and Trademark Office regarding this application without direct communior agent and the undersigned. In the event of a change in the persons from whom instructions may be taken herein will be so notified by the undersigned.	unication between the U.S. attorney n, the U.S. attorney or agent named
Full name of sole or first inventor	
Avi Ashkenazi	
nventor's signature	Date
a ·	
5.75	
Residerice 1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of second joint inventor, if any

David	Botstein

Inventor's signature 2539 Somerset Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Luc Desnoyers	·
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourth joint inventor, if any	
Dan L. Eaton	
Inventor's signature 75 Knight Drive, San Rafael, CA 94901	Date
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Full name of thirteenth joint inventor, if any

		_		
١.	Christo	pher	Grimal	di

Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifthteenth joint inventor, if any Kennethy. Hillan	
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
Residence GB	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of seventeenth joint inventor, it any	
Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date \
Residence Canada	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor, if any Nicholass F. Paoni	
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-first joint inventor, if any	
Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
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Citizenship	
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Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
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Prior foreign Application(s):

Priority Claimed Yes No

Day/Month/Year Filed

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See Attached Appendix A (Listing 62 U.S. Provisional Patent Applications)

Application Ser. No.

Filing Date

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Full name	of sole or first inventor	
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Inventor's	signature	Date
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David Botstein	
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Full name of third joint inventor, if any	
Luc Desnoyers	
Inventor's signature 2050 Stockton Street, San Francisco, CA 94133	Date
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Full name of fourth joint inventor, if any	
Dan L. Eaton	
Inventör's signature 75 Knight Drive, San Rafael, CA 94901	Date
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Citizenş <u>şh</u> ip	
The Mark	

Full name of fifth joint inventor, if any	
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nventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
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Citizenship VSA	
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full name of sixth joint inventor, if any	
Ellen Filvaroff	
nventor's signature 38 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
ost Office Address DNA.Way South San Francisco, CA 94080	
ull name of seventh joint inventor, if any herman Fong	
oventor's signature 9 Basinside Way, Alameda, CA 94502	Date
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itizenskip Litizenskip	
ost Office Address DNA Way South San Francisco, CA 94080	
all name of eighth joint inventor, if any	
ei-Qiang Gao	
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Priority Claimed

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# PTG			<u>Yes</u> <u>No</u>	
Number	Country	Day/Month/Year Filed		
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PATENT TRADEMARK OFFICE

Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675 Tom Wrona - Reg. No. is 44,410

Send correspondence to the following address:

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

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Full name of sole or first inventor	
Avi Asfikenazi	
Inventor's signature	Date
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Residençe	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
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Post Office Address	
1 DNA Way	
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Full name of second joint inventor, if any David Botstein Inventor's signature Date 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Inventor's signature 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship Post Office Address 1 DNA Way South-San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L. Eaton Inventor's signature 75 Knight Drive, San Rafael, CA 94901 Residence UŞ į.

Citizenship

Post Office Address 1 DNA Way

Full name of fifth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any Sherman Fong	
Inventer's signature 19 Başınışıde Way, Alameda, CA 94502	Date
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Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
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Full name of ninth joint inventor, if any	
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Full name of tenth joint inventor, if any	
Mary E. Gerritsen	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Audrey	
Inventors signature 110 Congo Street, San Francisco, CA 94131	Date
Residence Canada	
Citizensi	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
Residence . US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

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Post Office Address 1 DNA Way

Full name of seventeenth joint inventor, if any

Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
James Pan	
Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002	Date ·
Residence Canada	
Citizenship	
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Full name of nineteenth joint inventor, if any	
Nicholas F. Paoni	
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Margaret Ann Roy	
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
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Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-first joint inventor, if any	
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nventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
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Full name of twenty-second joint inventor, if any	
Daniel Tumas	
nventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any P. Mickey Williams	
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Priority Claimed

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As a below named inventor, I hereby declare that:

Prior Horeign Application(s):

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I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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5 175			<u>Yes</u>	<u>No</u>
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Citizenship
US
Post Office Address
1 DNA Way

Date

Full name of second joint inventor, if any **David Botstein** Date Inventor's signature 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any 06/18/2001 Date Luc Desnoyers Inventor's signature 2050 Stockton Street, San Francisco, CA 94/33 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L Eaton

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1 DNA Way

Full name of ninth joint inventor, if any Hanspeter Gerber Date inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107 Residence Switzerland Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor, if any Mary E. Gerritsen Date Inventor's signature 541 Parrott Drive, San Mateo, CA 94402 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full pame of eleventh joint inventor, if any Audrey Goddard Date Inventor's signature 110 €ongo Street, San Francisco, CA 94131 Residence Canada Citizenship Post Office Address 1 DNA:Way South San Francisco, CA 94080 Full name of twelfth joint inventor, if any Paul J. Godowski Date Inventor's signature 2627 Easton Drive, Burlingame, CA 94010 Residence US Citizenship

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Priority Claimed

Yes

No

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Avi Ashkenazi	
Inventor's signature	Date
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
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1 2 51
6-20-01
Date
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Full name of fifth joint inventor, if any

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Hanspeter Gerber	
Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
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Mary E. Gerritsen	·
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Residence

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South San Francisco, CA 94080

35 Southdown Court, Hillsborough, CA 94010

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Full name of second joint inventor, if any **David Botstein** Inventor's signature Date 2539 Somerset Drive, Belmont, CA 94002 Residence Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Inventor's signature Date 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship 1 Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L. Eaton Inventor's signature Date 75 Knight Drive, San Rafael, CA 94901 Residence US

Citizenship

Post Office Address 1 DNA Way

Full name of fifth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
Residence US	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
Residence US	
Citizers hip	
Post Office Address 1 DNA-Way South San Francisco, CA 94080	
Full paine of seventh joint inventor, if any	
Sherinan Fong	
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizeriship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404	Date .
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Hanspeter Gerber	
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Full name of tenth joint inventor, if any	
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twelfth joint inventor, if any	
Paul J. Godowski	Date
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	<i>5</i> 410
Residence . US	
Citizenship	
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Page 6 Full name of thirteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature 1434 36th Avenue, San Francisco, CA 94122 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any Austin L. Gurney Date Inventor's signature 1 Debbie Lane, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full dame of fifthteenth joint inventor, if any Kenneth J. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB _↓ ↓ Citizenship å Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549 Residence US

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Full name of seventeenth joint inventor, if any Jennie P. Mather Date Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Date Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full riggine of nineteenth joint inventor, if any Nicholas F. Paoni Date Inventor's signature 1756 Terrace Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Date Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123 Residence บร

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Timothy A. Stewart Inventor's signature Date 465 Douglass Street, San Francisco, CA 94114 Residence Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Inventor's signature Date 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-third joint inventor, if any P. Mickey Williams Inventor's signature Date 509 Alto Avenue, Half Moon Bay, CA 94019 Residence us 👫 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fourth joint inventor, if any Inventor's signature Date William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of twenty-first joint inventor, if any